

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 99/08105

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K7/06 A61K7/32

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 10, 31 August 1998 (1998-08-31) & JP 10 114603 A (DAINIPPON JOCHUGIKU CO LTD), 6 May 1998 (1998-05-06)	1
Y	abstract	2-7
X	PATENT ABSTRACTS OF JAPAN vol. 014, no. 014 (C-674), 12 January 1990 (1990-01-12) & JP 01 256375 A (KIMITSU KAGAKU KENKYUSHO:KK), 12 October 1989 (1989-10-12) abstract	1
	--- -/--	



Further documents are listed in the continuation of box C



Patent family members are listed in annex.

## Special categories of cited documents:

- A" document defining the general state of the art which is not considered to be of particular relevance
- E" earlier document but published on or after the international filing date
- L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- O" document referring to an oral disclosure, use, exhibition or other means
- P" document published prior to the international filing date but later than the priority date claimed

- T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- 3" document member of the same patent family

Date of the actual completion of the international search

12 January 2000

Date of mailing of the international search report

21/01/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel: (+31-70) 340-2040, Tx: 31 651 epo nl  
Fax: (+31-70) 340-3016

Authorized officer

Minas, S

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 99/08105

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication where appropriate of the relevant passages	Relevant to claim No
Y	US 5 690 924 A (KEIL WOLFGANG ET AL) 25 November 1997 (1997-11-25) column 4, line 30 - line 35 column 4, line 4 - line 11: claim 1; examples 2,7,9,11 ---	2,4-6
Y	DE 197 01 417 C (WELLA AG) 9 April 1998 (1998-04-09) page 2, line 66 -page 3, line 11 page 5, line 24 - line 27: claims 1,7,8; examples 1,4,7,9,12 ---	3,4
Y	EP 0 803 513 A (KAO CORP) 29 October 1997 (1997-10-29) claims 1,4,9,11: example 13 ---	2,7
A	US 5 690 921 A (LANG GUENTHER ET AL) 25 November 1997 (1997-11-25) column 4, paragraph 1 column 3, line 57 - line 60: claims 1,7; tables 4-6 ---	1-6
A	WO 87 07618 A (UNION CARBIDE CORP) 17 December 1987 (1987-12-17) the whole document page 3, paragraphs 2,3 page 11, paragraph 4 -page 12, paragraph 1 page 13, paragraph 2 page 15, paragraph 2 -----	1-7

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 99/08105

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 10114603 A	06-05-1998	NONE	
JP 01256375 A	12-10-1989	NONE	
US 5690924 A	25-11-1997	DE 19531145 A BR 9603544 A EP 0760235 A ES 2105996 T JP 9067234 A	27-02-1997 19-05-1998 05-03-1997 01-11-1997 11-03-1997
DE 19701417 C	09-04-1998	NONE	
EP 0803513 A	29-10-1997	US 5770187 A CN 1148857 A JP 7304643 A WO 9525752 A JP 7316203 A	23-06-1998 30-04-1997 21-11-1995 28-09-1995 05-12-1995
US 5690921 A	25-11-1997	DE 4234743 A DE 59308700 D WO 9408554 A EP 0616518 A ES 2060558 T JP 7502540 T	21-04-1994 23-07-1998 28-04-1994 28-09-1994 01-12-1994 16-03-1995
WO 8707618 A	17-12-1987	AT 144781 T CA 1283655 A DE 3751938 D DE 3751938 T EP 0271551 A JP 7076241 B JP 63503466 T US 4929722 A US 4946870 A US 5300494 A	15-11-1996 30-04-1991 05-12-1996 27-02-1997 22-06-1988 16-08-1995 15-12-1988 29-05-1990 07-08-1990 05-04-1994